

**Amendments to the Claims:**

Please cancel claims 1-14 as presented in the underlying International Application No. PCT/EP2003/009173.

Please add new claims 15-30 as indicated in the listing of claims below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-14 (cancelled)

Claim 15 (new): A filter body for use in a particulate filter for an internal combustion engine, the filter body having internal cavities, formed by using a semiconductor technology type micro-patterning process.

Claim 16 (new): The filter body of claim 15 wherein the micro-patterning process comprises an etching process.

Claim 17 (new): The filter body of claim 15 wherein the micro-patterning process comprises a patterned deposition process.

Claim 18 (new): The filter body of claim 15 wherein the micro-patterning process comprises a combination of an etching process and a patterned deposition process.

Claim 19 (new): The filter body of claim 15 wherein the internal cavities are of differing dimensions.

Claim 20 (new): The filter body of claim 19 wherein the dimensions of the cavities decrease in a direction of flow.

Claim 21 (new): The filter body of claim 20 wherein the dimensions of the cavities remain constant for pre-selected parts of the filter body.

Claim 22 (new): The filter body of claim 20 wherein the dimensions of the cavities decrease constantly in the direction of flow.

Claim 23 (new): The filter body of claim 15 wherein the filter body at least partially comprises electrically conductive material.

Claim 24 (new): The filter body of claim 23 wherein the electrically conductive material forms regions of differing specific conductivity.

Claim 25 (new): The filter body of claim 15 wherein the filter body at least in part comprises a material selected from a group consisting of silicon, germanium, a silicon compound, a germanium compound and a solid solution thereof.

Claim 26 (new): The filter body of claim 15 wherein at least part of the filter body has a catalytically active coating.

Claim 27 (new): The filter body of claim 15 wherein at least part of the filter body has an oxide layer.

Claim 28 (new): A particulate filter for a motor vehicle, comprising a housing with at least one gas inlet and at least one gas outlet, and a filter body in the housing, the filter body being formed by using a semiconductor technology type micro-patterning process.

Claim 29 (new): The particulate filter of claim 28 further comprising at least one filter body made from a sintered material.

Claim 30 (new): A vehicle including a particulate filter comprising:

a housing with at least one gas inlet and at least one gas outlet, and  
a filter body in the housing,  
the filter body being formed by using a semiconductor technology type micro-patterning process.